

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31 - -
Regulation (UE) 2020/878

Printing date 10.12.2025

Version number 6

Revision and application 10.12.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** *Cartouche de gaz*
- **Article number:** 2400
- **Reference Safety data sheet Réf.** 2400 - FR - FDS n°009a
- **CAS Number:**
115-07-1
- **EC number:**
204-062-1
- **Index number:**
601-011-00-9
- **Registration number** 01-2119447103-50-XXXX
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
SU21 Consumer uses: Private households / general public / consumers
- **Application of the substance / the mixture**
Refill for LPG vapour pressure appliances. Fuel for domestic, industrial and agricultural use.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
GUILBERT EXPRESS
10 rue Henry Delbast
77183 CROISSY-BEAUBOURG
www.express-fds.fr
- **Further information obtainable from:** *info@express.fr*
- **1.4 Emergency telephone number:** +33/825 800 251

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Flam. Gas 1A H220 Extremely flammable gas.
Press. Gas (Comp.) H280 Contains gas under pressure; may explode if heated.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS04

- **Signal word** *Danger*
- **Hazard statements**
H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
- **Precautionary statements**
P101 *If medical advice is needed, have product container or label at hand.*
P102 *Keep out of reach of children.*
P103 *Read carefully and follow all instructions.*
P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
P377 *Leaking gas fire: Do not extinguish, unless leak can be stopped safely.*
P381 *In case of leakage, eliminate all ignition sources.*
P410+P403 *Protect from sunlight. Store in a well-ventilated place.*

(Contd. on page 2)

Safety data sheet
 according to Regulation (EC) No 1907/2006, Article 31 - -
 Regulation (UE) 2020/878

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Version number 6

Revision and application 10.12.2025

Trade name: Cartouche de gaz

(Contd. of page 1)

- **Additional information:**
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**
115-07-1 propene
- **Identification number(s)**
- **No CAS:** 115-07-1
- **EC number:** 204-062-1
- **Index number:** 601-011-00-9
- **Description:** Mixture: consisting of the following components.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
No special measures required.
Mouth respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.

(Contd. on page 3)

Safety data sheet
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 Regulation (UE) 2020/878

Printing date 10.12.2025

Version number 6

Revision and application 10.12.2025

Trade name: Cartouche de gaz

(Contd. of page 2)

See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep away from heat and direct sunlight.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:** Keep container tightly sealed.
- **Recommended storage temperature:** Storage temperature : Room temperature
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Hand protection**
- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Not required
- **Body protection:** Protective workwear (EN-1149)

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Gaseous
- **Colour:** Colourless
- **Odour:** Mineral-oil-like
- **Melting point/freezing point:** -185.2 °C
- **Boiling point or initial boiling point and boiling range** -47 °C
- **Flammability** Not determined
- **Lower and upper explosion limit**
- **Lower:** 2 Vol %

(Contd. on page 4)

Safety data sheet
 according to Regulation (EC) No 1907/2006, Article 31 - -
 Regulation (UE) 2020/878

Printing date 10.12.2025

Version number 6

Revision and application 10.12.2025

Trade name: Cartouche de gaz

(Contd. of page 3)

· Upper:	11.1 Vol %
· Flash point:	-108 °C
· Auto-ignition temperature:	455 °C
· Decomposition temperature:	Not determined
· pH	Not determined
· Solubility	
· water:	Not miscible or difficult to mix.
· Vapour pressure at 20 °C:	10.5 hPa
· Density and/or relative density	
· Density at 20 °C:	0.52 g/cm ³
· 9.2 Other information	No further relevant information available.
· Appearance:	
· Form:	Gaseous
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Not determined
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· Organic solvents:	1.0 %
· VOC (EC)	0,00 %
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Extremely flammable gas.
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Contains gas under pressure; may explode if heated.
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid**
Heat
Avoid temperatures above 50°C
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

EU

(Contd. on page 5)

Safety data sheet
 according to Regulation (EC) No 1907/2006, Article 31 - -
 Regulation (UE) 2020/878

Printing date 10.12.2025

Version number 6

Revision and application 10.12.2025

Trade name: Cartouche de gaz

(Contd. of page 4)

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties** Substance is not listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Not hazardous for water.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|-------------------|
| <ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR, IMDG, IATA | UN1077 |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG, IATA | Void
PROPYLENE |

(Contd. on page 6)

EU

Safety data sheet
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Version number 6

Revision and application 10.12.2025

Trade name: Cartouche de gaz

(Contd. of page 5)

· 14.3 Transport hazard class(es)

· ADR



- Class 2.1 2F Gases.
- Label 2.1

· IMDG, IATA



- Class 2.1 Gases.
- Label 2.1

· 14.4 Packing group

- ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

- Marine pollutant: No

· 14.6 Special precautions for user

- Hazard identification number (Kemler code): Not applicable
- EMS Number: -
- Stowage Category F-D,S-U
- Stowage Code E
- Stowage Code SW2 Clear of living quarters.

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable

· Transport/Additional information:

· ADR

- Limited quantities (LQ) 0
- Excepted quantities (EQ) Code: E0
- Not permitted as Excepted Quantity
- Transport category 2
- Tunnel restriction code B/D

· IMDG

- Limited quantities (LQ) 120 ml
- Excepted quantities (EQ) Code: E0
- Not permitted as Excepted Quantity

· UN "Model Regulation":

Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I Substance is not listed.
- Seveso category P2 FLAMMABLE GASES
- Qualifying quantity (tonnes) for the application of lower-tier requirements 10 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50 t

(Contd. on page 7)

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Revision and application 10.12.2025

Trade name: Cartouche de gaz

(Contd. of page 6)

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
Substance is not listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
Substance is not listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS** Substance is not listed.
- **Regulation (EC) No 273/2004 on drug precursors** Substance is not listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
Substance is not listed.
- **National regulations:**
- **Waterhazard class:** Generally not hazardous for water.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of previous version:** 08.12.2025
- **Abbreviations and acronyms:**
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organisation
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Flam. Gas 1A: Flammable gases – Category 1A
 Press. Gas (Comp.): Gases under pressure – Compressed gas
- *** Data compared to the previous version altered.**

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